



Applicant's Docket No. 1576.99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SHIBASAKI et al., Hiroaki

Application No.: 10/088,425

Group No.: 1614

Filed: March 15, 2002

Examiner: Unknown

For: PROCESSES FOR THE PREPARATION OF 4(5)-AMINO-5(4)-CARBOXAMIDOIMIDAZOLES
AND INTERMEDIATES THEREOF

Mail Stop: Supplemental IDS (no fee)

Commissioner for Patents

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1. Preliminary Statements
2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. Copies of Listed Information Items Accompanying This Statement
4. Identification of Person(s) Making This Information Disclosure Statement
5. Copy of EPO Search Report

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Date: May 9, 2003

Luann McCormick
Signature

Luann McCormick, Legal Assistant



Section 1. Preliminary statements

Applicants submit herewith patents, publications or other information, within 90 days of Applicants becoming aware, that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

PTO/SB/08A and PTO/SB/08B

Section 3. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

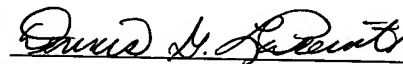
Section 4. Identification of Person Making This Information Disclosure Statement

The person making this certification is:

- a. the practitioner who signs below on the basis of the information supplied by the inventor(s), supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. section 1.56(c)), and in the practitioner's file.

Date: 5/9/03

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Signature of Practitioner
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Practitioner's Docket No. 1576.99

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroaki SHIBASAKI et al.
Serial No.: 10/088,425
Date Filed: 3/15/2002
Title: PREPARATION FOR THE PREPARATION OF
4(5)-AMINO-5(4)-
CARBOOXAMIDOIMIDAZOLES AND
INTERMEDIATES THEREOF

File No.: 1576.99
LA: LMI

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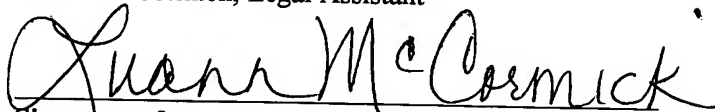
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- Supplemental Information Disclosure Statement
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/088,425
Filing Date	03/15/2002
First Named Inventor	Hiroaki SHIBASAKI et al.
Art Unit	1626
Examiner Name	J.C. Murphy
Attorney Docket Number	1576.99

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Signature**

Date
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by Translation is attached.

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**INFORMATION DISCLOSURE
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Application Number	10/088,425
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First Named Inventor	Hiroaki SHIBASAKI et al.
Art Unit	1626
Examiner Name	J.C. Murphy
Attorney Docket Number	1576.99

Sheet

1

of

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	BOOTH B L ET AL., "Synthesis of [1a, 2B, 3a-2-3-bis (benzyloxymethyl)cyclobutyl]imidazol-5-amines: important precursors to cylobut-A derivatives," J. Chem. Soc., Perkins Transactions, 1 ed., p. 669 - 675, (May 8, 1995).	
	4	ALVES M J ET AL., "Synthesis of 5-Amino-4-(cyanoformimidoly)-1H-imidazole: a Reactive Intermediate for the Synthesis of 6-Carbamoyl-1,2-dihydropurines and 6-Carbamoyl-purines," J. Chem Soc., Perkins Trans, 1 ed., p. 1705-1712, (May 8, 1990).	
	5	SHUMAN R F ET AL., "Chemistry of HCN. 1. Formation and Reactions of N-(Aminomethylidene)diaminomaleonitrile, an HCN Pentamer and Precursor to Adenine," J. Org. Chem., Vol. 44 (No. 25), p. 4532 - 4536, (May 8, 1979).	
	6	ALVES M J ET AL., "Synthesis of 4- and 5-Disubstituted 1-Benzylimidazoles, Important Precursors of Purine Analogs, " Journal of Heterocyclic Chemistry, Vol. 31, p. 345 - 350, (1993-03).	

Examiner
SignatureDate
Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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